

AquaBarrier™ VP

SELF-ADHERING VAPOUR
PERMEABLE MEMBRANE

STOCK# : 7850055, 7850094

ROLLS PER PALLET: 56

PALLET SIZE:

132 cm x 112 cm (52 in x 44 in)

LENGTH: 30.5 m (100 ft)

WIDTH:

7850055 - 0.95 m (37.5 in)

7850094 - 0.46 m (18 in)

THICKNESS: 0.4 mm (0.016 in)

AREA COVERAGE : 29 m² (312.5 ft²)

LINES: 76.2 mm (3 in), 800 mm (31.5 in)

AREA WEIGHT:

0.176 kg/m² (0.0360 lb/ft²)

Note: All reported values are nominal.



IKO

COMMERCIAL®

Specify with Confidence.



Versatile, mold resistant, primerless, and easy to install, let the IKO AquaBarrier VP Self-Adhering Vapour Permeable Membrane go to work for your next building envelope project.

AquaBarrier VP

SELF-ADHERING VAPOUR PERMEABLE MEMBRANE

Self-Adhering

IKO AquaBarrier VP is a self-adhering, primerless vapour permeable membrane, providing superior performance in wall assemblies where a vapour permeable, water resistive air barrier is required.

Versatile Application

Due to the vapour permeable matrix of AquaBarrier VP, it is readily compatible and may be applied to most common substrates such as gypsum, OSB, block, concrete, CMU and plywood. The product is designed for numerous applications such as masonry cavity walls, metal cladding systems, siding applications, renovations and retrofits, curtain walls and parapets.

Mold Resistant

AquaBarrier VP is a polypropylene composite with low water retention capacity and is therefore mold- and mildew-resistant.

Easy to Install

Coated with a proprietary acrylic adhesive on the back surface, the product offers excellent performance for common wall applications and has an easily removed polyester release film. No mechanical attachments or primer is required in the application of AquaBarrier VP. The lightweight design of the membrane makes it easy to install, and it can be left exposed to UV for up to 180 days¹. For proper adhesion of the VP membrane to substrates, Pressure Rolling method must be used.

¹This product is not designed for continuous UV exposure. It should be covered as soon as practicable within construction scheduling.



Diffuses vapour, allowing walls to drain and substrates to dry.

Meets or exceeds competitive market standards for commercial air and weather barriers.

• FULLY ADHERES
TO SUBSTRATES

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PERMEABLE MEMBRANE



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The **IKO AquaBarrier** line includes a full range of accessory products designed to complete your wall system.

All local health and safety rules and precautions should be followed when working with IKO products. See also Material Safety Data Sheet (SDS) #1174. Good building practices include ensuring the application surface is adequately prepared for the adhesion of the product prior to installation.

For further details, please refer to the IKO Installation Guidelines at <https://www.iko.com/comm/>.



| CHARACTERISTICS | UNITS | NOMINAL VALUE | TEST METHOD |
|---|--------------------------------|-------------------------------------|----------------------------|
| Tensile Strength (MD/XD): | kN/m (lbf/in) | 4.115 / 3.879 (23.5 / 22.15) | ASTM D5147 |
| Ultimate Elongation (MD/XD): | % | 137.5 / 83.3 | ASTM D5147 |
| Break Strength (MD/XD): | MPa | 30 / 15 | CAN/CGSB 51.32 M89 |
| Cold Bending at -30°C (-22°F): | — | PASS | CAN/CGSB 51.32 M89 |
| Adhesion to Stainless Steel: | N/m (lbf/in) | 707.162 (4.038) | ASTM D903 |
| Adhesion to Plywood: | N/m (lbf/in) | 494.73 (2.825) | ASTM D3330-F |
| Nail Sealability: | — | PASS | ASTM D1970 |
| Thermal Stability ² (14 d. at 110 C (230 F)): | — | No Flow or Slippage | ASTM D1970 (Modified) |
| Water Vapour Permeance: | Ng/Pa·s·m ² (Perms) | 1362.2 (23.81) 1266.8 (22.14) | ASTM E 96 A ASTM E 96 B |
| Hydrostatic Pressure Resistance: | — | PASS | AATCC 127-08 |
| Air Permeance: | L/s·m ² | PASS (≤ 0.02) | ASTM E2178 |
| Air Leakage: | — | PASS | ASTM E2357 |
| Air Leakage Rate: | — | A1 | CAN/ULC S742 |
| Flame Spread Index (FSI): | — | Class 1 | ASTM E84 |
| Smoke Developed (SD): | — | Class 1 | ASTM E84 |
| Service Temperature: | °C (°F) | -40 to +82 (-40 to 180) | — |
| Application Temperature: | °C (°F) | -20 to +40 (-4 to 104) ¹ | — |
| UV Exposure Time ³ : | days | 180 | ASTM G154 |

¹Substrate must be clean and free from dirt, oils, moisture and frost for proper adhesion. ²As adhered to either glass-faced gypsum board or plywood. ³This product is not designed for continuous UV exposure. It should be covered as soon as practicable within construction scheduling. The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible.